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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/798,644	03/11/2004	Kenneth R. Duncan		6681

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EXAMINER
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LAGMAN, FREDERICK LYNDON

ART UNIT	PAPER NUMBER
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3673

DATE MAILED: 02/07/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

# Office Action Summary

Application No.

10/798,644

Applicant(s)

DUNCAN, KENNETH R.

Examiner

Frederick L. Lagman

Art Unit

3673

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

## Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

- ☐ Responsive to communication(s) filed on \_\_\_\_\_.
- ☐ This action is FINAL. ☐ This action is non-final.
- ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

## Disposition of Claims

- ☒ Claim(s) 1-24 is/are pending in the application.
  - Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- ☒ Claim(s) 23 is/are allowed.
- ☒ Claim(s) 1-7, 9, 10, 13-16, 18, 19, and 24 is/are rejected.
- ☒ Claim(s) 8, 11, 12, 17 and 20-22 is/are objected to.
- ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

- ☐ The specification is objected to by the Examiner.
- ☒ The drawing(s) filed on 11 March 2004 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

## Priority under 35 U.S.C. § 119

- ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
    - ☐ All ☐ Some \* c) ☐ None of:
      - ☐ Certified copies of the priority documents have been received.
      - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
      - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

## Attachment(s)

- ☒ Notice of References Cited (PTO-892)
- ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date 6/28/04.
- ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_.
- ☐ Notice of Informal Patent Application (PTO-152)
- ☐ Other: \_\_\_\_\_.

**DETAILED ACTION**

***Re-numbered Claims***

1. By rule 1.126, claims 16-25 were re-numbered as claims 15-24.

***Claim Rejections - 35 USC § 102***

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

3. Claims 14, 15, 16, 18, and 19 are rejected under 35 U.S.C. 102(b) as being anticipated by Japanese reference #60-5905. Japan '905 discloses an apparatus and method for lowering a pipeline 4 down a pathway on inclined terrain comprising a frame 6 including a wheel bearing on the incline and including a device for receiving and attaching a pipeline adjacent a lower end thereof; and a system 7, 21 for lowering the frame, the system including a cable and winch.
4. Claim 24 is rejected under 35 U.S.C. 102(b) as being anticipated by Strosnider #5,197,713. Strosnider discloses an apparatus comprising: a frame member 10 and a system for steering the pipeline along the pathway including at least one device 19 for moving the member laterally of the axis.

***Claim Rejections - 35 USC § 103***

5. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

6. Claims 1-7, 9, 10, and 13 are rejected under 35 U.S.C. 103(a) as being unpatentable over Japanese reference #60-5905 in view of Wilson #4,069,684. Japan '905 discloses the claimed invention except for the incline having an upwardly open ditch. Wilson teaches that it is known to place a pipeline 10 in an upwardly open ditch 12 on inclined terrain as set forth at column 5, lines 35-37. It would have been obvious to one having ordinary skill in the art at the time the invention was made to lay the pipeline in an upwardly open ditch, as taught by Wilson in order to facilitate laying and burying of a pipeline on inclined terrain.

***Allowable Subject Matter***

7. Claims 8, 11, 12, 17, 20, 21, and 22 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

8. Claim 23 is allowed.


***Conclusion***

9. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

10. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Frederick L. Lagman whose telephone number is 703-305-7456. The examiner can normally be reached on Monday-Friday 9:00am to 5:30pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Heather Schackelford can be reached on 703-308-2978. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

  
Frederick L. Lagman  
Examiner  
Art Unit 3673

FLL